

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	461	(subsampl\$3 or sub-sampl\$3 or downsampl\$3 or (down adj sampl\$3)) with (averag\$3 or mean) with pixel\$1 @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/29 12:28
L3	0	10/100142 averag\$3 subsampl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/29 12:29
L4	1	10/100142 averag\$3 sub-sampl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/29 14:24
L5	9	10/776603	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/29 14:25
L6	5	10/776603 "2.times.2" "4.times.4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/29 14:25
S1	4	10/776603	US-PGPUB; USPAT	OR	ON	2007/03/16 10:02
S2	984	382/243 pixels @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/12 10:04
S3	795	382/243 pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/07 18:18
S5	144	382/243 (find or identify) with pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/12 17:43
S6	704	holes (find or identify) with pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/07 18:39

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S7	192	holes set adj3 zero (find or identify) with pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/07 18:40
S8	8	hole adj2 image set adj3 zero (find or identify) with pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/07 18:45
S9	704	holes (find or identify) with pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/07 19:04
S11	98	"Mixed Raster Content" @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:23
S12	21	"Mixed Raster Content" speed @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/03/12 11:27
S13	7	"Mixed Raster Content" speed zero\$2 @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/03/12 10:58
S14	57	"Mixed Raster Content" zero\$2 @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/03/12 11:27
S15	3	("2001/0000711").URPN.	USPAT	OR	ON	2007/03/12 11:33
S16	20	"Mixed Raster Content".set\$5 adj2 zero @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/03/12 11:35
S17	1	"5778092".pn.	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/03/12 15:33
S18	0	382/243.ccls pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/12 17:43
S19	324	382/243.ccls. pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/12 17:44
S20	243	382/305.ccls. pixels compress\$3 @ad<"20040212"	US-PGPUB; USPAT	AND	ON	2007/03/12 17:44
S21	1	"6058214".pn.	US-PGPUB; USPAT	OR	ON	2007/03/13 11:04
S22	0	2x2 with luminance 4x4 with chroma with neighborhood	US-PGPUB; USPAT	AND	ON	2007/03/16 10:04
S23	0	2x2 with luminance 4x4 with chrom\$7 with neighborhood	US-PGPUB; USPAT	AND	ON	2007/03/16 10:04
S24	0	2x2 with luminance 4x4 with chrom\$7	US-PGPUB; USPAT	AND	ON	2007/03/16 10:05
S25	0	2x2 with luminance 4x4 with chrominance	US-PGPUB; USPAT	AND	ON	2007/03/16 10:05

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S26	0	2x2 with luminance 4x4 with chrominance	US-PGPUB; USPAT; EPO; IBM_TDB	AND	ON	2007/03/16 10:13
S27	0	2x2 with lum\$6 4x4 with chrom\$6	US-PGPUB; USPAT; EPO; IBM_TDB	AND	ON	2007/03/16 10:13
S28	19	"2.times.2" with luminance "4.times.4" with chrominance	US-PGPUB; USPAT; EPO; IBM_TDB	AND	ON	2007/03/16 10:16
S29	10	"2.times.2" with luminance "4.times.4" with chrominance @ad<"20040212"	US-PGPUB; USPAT; EPO; IBM_TDB	AND	ON	2007/03/16 11:16
S30	10	"2.times.2" with lumin\$6 "4.times.4" with chrom\$6 @ad<"20040212"	US-PGPUB; USPAT; EPO; IBM_TDB	AND	ON	2007/03/16 11:23
S31	10	"2.times.2" with lumin\$6 "4.times.4" with chrom\$6 @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 14:21
S32	4	"6608928".pn. "20030123729" "6731800".pn.	US-PGPUB; USPAT	OR	ON	2007/08/27 10:25
S33	9	10/776603	US-PGPUB; USPAT	OR	ON	2007/08/27 10:27
S34	7	10/776603 neighborhood	US-PGPUB; USPAT	AND	ON	2007/08/27 10:52
S35	7	10/776603 neighborhood sampl\$3	US-PGPUB; USPAT	AND	ON	2007/08/27 10:55
S36	0	10/776603 neighborhood sampl\$3 having	US-PGPUB; USPAT	AND	ON	2007/08/27 10:55
S37	0	10/776603 neighborhood sampl\$3 "having"	US-PGPUB; USPAT	AND	ON	2007/08/27 10:55
S38	1	"6941024".pn.	US-PGPUB; USPAT	AND	ON	2007/08/27 16:22
S39	3815	(mrc or "mixed raster content") sampl\$3 @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 14:23

## EAST Search History

S40	68	(mrc or "mixed raster content") (sub-sampl\$3 or subsampl\$3) @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 14:25
S41	69	(mrc or "mixed raster content") (sub adj sampl\$3 or subsampl\$3) @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 14:23
S42	29	mixed adj raster adj content (sub-sampl\$3 or subsampl\$3) @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 14:46
S43	1251	image (averag\$3 or mean) same (sub-sampl\$3 or subsampl\$3) @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 14:58
S44	10	10/188249	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 14:49
S46	129	image JPEG (averag\$3 or mean) with (sub-sampl\$3 or subsampl\$3) @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 15:24
S47	4	image (averag\$3 or mean) with (sub-sampl\$3 or subsampl\$3) with zero @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 17:01

## EAST Search History

S50	5	image (average or mean) with (sub-sampling or subsampling or downsampling or down-sampling) with zero @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 17:11
S51	0	(subsampling or downsampling or low-resolution) with average with non-zero adj2 value	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 19:24
S52	44179	(sub adj sampl\$3) or (down adj sampl\$3) or (low adj resolution)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 17:20
S53	36840	(sub adj sampl\$3) or (down adj sampl\$3) or (low adj resolution) and @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 17:20
S54	235	average with non-zero adj2 value @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 17:21
S55	61	image average with non-zero adj2 value @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 17:22
S56	94	image (average or mean) with non-zero adj2 value @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 17:27

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S57	31	S56 S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 17:23
S58	13	image (average or mean) near2 non-zero adj2 pixel\$1 @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:37
S59	269	image (average or mean) near2 non-zero @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:04
S60	37	image (average or mean) near2 non-zero S53 @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:05
S61	92	image (average or mean) with non-zero with pixel\$1 @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:12
S62	32	image (average or mean) with non-zero with pixel\$1 S53 @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:12
S63	75	image (average or mean) near2 non-zero near2 (pixel\$1 or value\$1) @ad<"20040212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:55

## EAST Search History

S64	7	image (average or mean) near2 non-zero near2 (pixel\$1 or value\$1) @ad<"20040212" S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:51
S65	7	pixel (average or mean) near2 non-zero near2 (pixel\$1 or value\$1) @ad<"20040212" S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:51
S66	7	image (average or mean) near2 non-zero near2 (pixel\$1 or value\$1) @ad<"20040212" S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 19:04
S67	108	image (average or mean) near2 zero near2 (pixel\$1 or value\$1) @ad<"20040212" S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:57
S68	7	image (average or mean) near2 (non-zero or non adj zero) near2 (pixel\$1 or value\$1) @ad<"20040212" S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 19:05
S69	0	"Mixed Raster Content" "L15" @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:25
S70	32	"Mixed Raster Content" (sub-sampl\$3 or sub-sampl\$3 or downsampling or low-resolution) @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:29
S71	1522	color with (sub-sampl\$3 or sub-sampl\$3 or downsampling or low-resolution) @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:35
S72	50	Curry-Donald.in. or Kletter-Doron.in. or Nafarieh-Asghar.in. @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:32

## EAST Search History

S73	14188	(subsampl\$3 or sub-sampl\$3 or downsampling or low-resolution) @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/29 10:47
S74	30	S72 S73	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:32
S75	50	Curry-Donald.in. or Kletter-Doron.in. or Nafarieh-Asghar.in. @pd<"20030212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:32
S76	7	(Curry-Donald.in. or Kletter-Doron.in. or Nafarieh-Asghar.in.) @pd<"20030212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:33
S77	535	(average or mean) with pixel\$1 color with (subsampl\$3 or sub-sampl\$3 or downsampling or low-resolution) @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:38
S78	11	(average or mean) with pixel\$1 same color near2 (subsampl\$3 or sub-sampl\$3 or downsampling or low-resolution) @ad<"20040212"	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:41
S79	4	10/847943	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:42
S80	1	10/847069	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:42
S81	1	10/845760	US-PGPUB; USPAT; IBM_TDB	AND	ON	2007/08/28 19:42